

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants : Boris Shkolnik Confirmation No.:
Appln. No. : Unknown
Filed : December 3, 2003
Title : Inflatable Balloon Catheter Seal And Method
Art Unit : Unknown
Examiner : Unknown

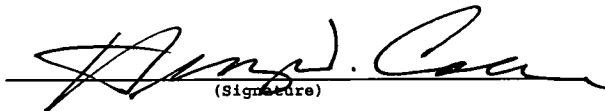
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December 3, 2003

(Date of Deposit)

Henry W. Collins

(Name of applicant, assignee, or Registered Representative)


(Signature)

December 3, 2003

(Date of Signature)

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

PRELIMINARY AMENDMENT

Dear Sir:

Please amend the present application as follows:

Amendment to the Specification begins on page 2 of this paper.

Amendments to the Claims: Cancel Claims 1-20 and add Claim 21.
See page 3 of this paper.

Remarks begin on page 5 of this paper.

Apple. No. Unknown
Amdt. Dated: December 3, 2003

Amendments to the Specification:

Please add the following sentence at the beginning of the specification:

This patent application is a divisional patent application of United States Patent
Application Serial Number 09/487,128, filed January 19, 2000.

Amendments to the Claims:

Claim 1 – 20 (Canceled)

Claim 21 (Newly added) A balloon catheter having a balloon and a catheter body formed of dissimilar polymeric materials, said balloon catheter comprising:

 a catheter body including an outer tubular member having proximal and distal ends and a lumen extending therethrough, said outer tubular member formed from a first polymeric material;

 said catheter body further including an inner tubular member having proximal and distal ends and a lumen extending therethrough, said inner tubular member being coaxial with said outer tubular member, said inner tubular member running longitudinally through said outer tubular member and extending distally beyond the distal end of said outer tubular member, said inner tubular member formed from said first polymeric material;

 an inflatable balloon having a main body portion and proximal and distal portion extending from said main body portion, said proximal and distal portions each having an inner and out surface, said inflatable balloon formed from a second polymeric material different from said first polymeric material;

 a first layer of adhesive material interposed between said inner surface of the proximal portion of the balloon and said distal end of the out tubular member to bond said inner surface of the proximal portion of the balloon to said distal end of the outer tubular member;

a first retaining ring positioned over and crimped tightly around said proximal portion of the balloon to reinforce the bond formed with said first layer of adhesive material and said distal end of the outer tubular member;

a second layer of adhesive material interposed between said inner surface of the distal portion of the balloon and said distal end of the inner tubular member to bond said inner surface of the distal portion of the balloon to said distal end of the inner tubular member;

a second retaining ring positioned over and crimped tightly around said distal portion of the balloon to reinforce the bond formed with the second layer of adhesive material and said distal end of the inner tubular member;

a distal retaining ring sleeve, said distal retaining ring sleeve positioned distally adjacent to the second retaining ring, said distal retaining ring sleeve being secured to said inner tubular member thereby preventing said second retaining ring from moving along the length of said inner tubular member; and

a coupling member having a lumen extending therethrough, said coupling member being mounted on the proximal end of the outer tubular member and the lumen of the coupling member communicating with the lumen between the outer tubular member and the inner tubular member so that fluid may be injected into the lumen of the coupling member to inflate the balloon.

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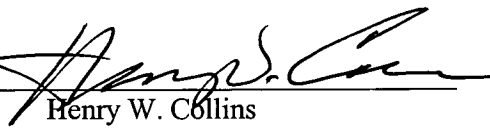
REMARKS

This application is a divisional patent application of United States Patent application 09/487,128, filed January 19, 2000.

Claims 1-20 have been canceled. New Claim 21 remains in this application.

Applicants respectfully requests that these amendments be entered into this application.

Respectfully submitted,

By: 
Henry W. Collins
Reg. No. 25,039

Johnson & Johnson
One Johnson & Johnson Plaza
New Brunswick, NJ 08933-7003
(786) 313-2707
Dated: December 3, 2003